

Title (en)

DITHER SUSPENSION MECHANISM FOR A RING LASER ANGULAR RATE SENSOR

Publication

EP 0201089 A3 19880720 (EN)

Application

EP 86106212 A 19860506

Priority

US 73327885 A 19850510

Abstract (en)

[origin: US4751718A] A pair of flexure plates having an outer toroidal rim extended from a hub by a plurality of radial springs are utilized to rigidly sandwich a laser block. A housing having an aperture for receiving the sandwiched assembly is welded to the outer toroidal rims to provide a dither suspension mechanism for a ring laser angular rate sensor.

IPC 1-7

G01C 19/64

IPC 8 full level

G01C 19/64 (2006.01); **G01C 19/66** (2006.01); **G01C 19/70** (2006.01); **H01S 3/083** (2006.01)

CPC (source: EP US)

G01C 19/70 (2013.01 - EP US)

Citation (search report)

- [A] DE 3109789 A1 19820128 - LITTON SYSTEMS INC [US]
- [A] US 4309107 A 19820105 - MCNAIR FRED, et al
- [AD] US 4321557 A 19820323 - MCNAIR FRED
- [A] US 4477188 A 19841016 - STILES JOHN C [US], et al

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0201089 A2 19861112; EP 0201089 A3 19880720; EP 0201089 B1 19910731; CA 1260126 A 19890926; CN 1008399 B 19900613; CN 86103129 A 19861126; DE 3680575 D1 19910905; IL 78395 A 19910630; JP H04113468 U 19921005; JP S61263292 A 19861121; US 4751718 A 19880614

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EP 86106212 A 19860506; CA 507111 A 19860421; CN 86103129 A 19860505; DE 3680575 T 19860506; IL 7839586 A 19860331; JP 10501986 A 19860509; JP 4078991 U 19910507; US 73327885 A 19850510